



Renesas Electronics America



Image may be representation. See specifications for product details.

M30302FEPGP#U5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M30302FEPGP#U5                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 16BIT 192KB FLASH 100QFP                                                                              |
| Datasheets:         |  1.M30302FEPGP#U5.pdf       |
|                     |  2.M30302FEPGP#U5.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6748 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

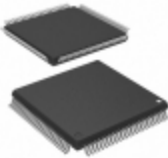
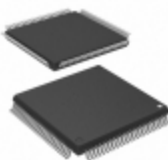
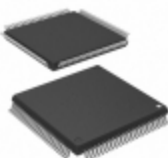
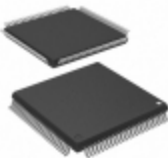
Specifications of M30302FEPGP#U5

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M30302FEPGP#U5                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                              |
| DESCRIPTION                      | IC MCU 16BIT 192KB FLASH 100QFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 6748 pcs                                                                                                 |
| DATA SHEET                       |  1.M30302FEPGP#U5.pdf |
|                                  |  2.M30302FEPGP#U5.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 100-LFQFP (14x14)                                                                                        |
| SPEED                            | 16MHz                                                                                                    |
| SERIES                           | M16C™ M16C/30                                                                                            |
| RAM SIZE                         | 6K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 192KB (192K x 8)                                                                                         |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                       |
| PACKAGING                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 100-LQFP                                                                                                 |
| OTHER NAMES                      | M30302FEPGPU5                                                                                            |
| OSCILLATOR TYPE                  | External                                                                                                 |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 85                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | M16C/60 M16C™ M16C/30 Microcontroller IC 16-Bit 16MHz 192KB (192K x 8) FLASH 100-LFQFP (14x14)           |
| DATA CONVERTERS                  | A/D 18x10b                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                   |
| CORE PROCESSOR                   | M16C/60                                                                                                  |
| CONNECTIVITY                     | I²C, IEBus, UART/USART                                                                                   |
| BASE PART NUMBER                 | M30302                                                                                                   |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America M30302FEPGP#U5 | M30302FEPGP#U5 Distributor             | M30302FEPGP#U5 Supplier                        |
| M30302FEPGP#U5 Price                       | M30302FEPGP#U5 Pictures                | M30302FEPGP#U5 Image                           |
| M30302FEPGP#U5 PDF Datasheet               | M30302FEPGP#U5 Download Datasheet      | M30302FEPGP#U5 Datasheet                       |
| M30302FEPGP#U5 Stock                       | Buy M30302FEPGP#U5                     | Buy Renesas Electronics America M30302FEPGP#U5 |
| Renesas Electronics America M30302FEPGP#U5 | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America M30302FEPGP#U5 | Renesas Technology Corp M30302FEPGP#U5 | Renesas M30302FEPGP#U5                         |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>M30302GGPGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: MCU LQFP<br/>In stock: 3395 pcs<br/><div>RFQ</div></div>                                 | <div></div> <div><b>M30302SPGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 100LFQFP<br/>In stock: 3677 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>M30302SPGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 100LFQFP<br/>In stock: 3598 pcs<br/><div>RFQ</div></div>             | <div></div> <div><b>M30302FCPGP#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 3183 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>M30302SPFP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT ROMLESS 100QFP<br/>In stock: 4053 pcs<br/><div>RFQ</div></div>               | <div></div> <div><b>M30302FEFPF#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 192KB FLASH 100QFP<br/>In stock: 2781 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>M3031-000005-05KPG</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: TRANSDUCER .5-4.5VDC 5000# PRES<br/>In stock: 1429 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>M30302FEPGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 192KB FLASH 100QFP<br/>In stock: 12462 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>M3031-000005-01KPG</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: SENSOR PRESSURE 1000PSIG ANALOG<br/>In stock: 1489 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>M30302FCPGP#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 5438 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>M30302FCFPF#U5</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 3542 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>M30302FEFPF#U3</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 192KB FLASH 100QFP<br/>In stock: 5947 pcs<br/><div>RFQ</div></div>  |